PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to res

## **TRANSMITTAL FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

ì	pond to a collection of information unless it displays a valid OMB control number				
	Application Number	10/099,918-Conf. #3586			
	Filing Date	March 14, 2002			
	First Named Inventor	John H. Oates			
	Art Unit	2634			
	Examiner Name	S. Chin			
	Attorney Docket Number	102323-0103			

ENCLOSURES (Check all that apply)					
CITOCOOKEO (Oneck an trial apply)					
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC			
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Add	dress Status Letter			
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below):			
Express Abandonment Request	Request for Refund	Return Receipt Postcard			
X Information Disclosure Statement	CD, Number of CD(s)				
Certified Copy of Priority Document(s)	Landscape Table on CD				
Reply to Missing Parts/ Incomplete Application	Remarks				
Reply to Missing Parts under					
SIGNATI	URE OF APPLICANT, ATTORNI	EY, OR AGENT			
Firm Name NUTTER MCCLENI	Firm Name NUTTER-MCCLENNEN & FISH LLP				
Signature	Signature				
Printed name David J. Pewsner	,				
Date 1-11-06	Re	<sup>g. No.</sup> 31,868			

I hereby certify that this correspondence	Transmittal is being deposited with the U.8. Postal Service with sufficient postage as First Class Mail, in
an envelope addressed to: MS Amendm shown below.	nent, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date
Dated: 1-11-06	Signature: (David J. Powsner)

1 hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Signature:

Dated: 1-11-06

(David J. Powsner)

Docket No.: 102323-0103

(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

John H. Oates et al.

Application No.: 10/099,918

Confirmation No.: 3586

Filed: March 14, 2002

Art Unit: 2634

For:

WIRELESS COMMUNICATIONS

Examiner: S. Chin

SYSTEMS AND METHODS FOR **MULTIPLE OPERATING** 

SYSTEMMULTIPLE USER DETECTION

## INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Application No.: 10/099,918 Docket No.: 102323-0103

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patenability as defined in § 1.56 (b).

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR

1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 102323-0103. A duplicate copy of this paper is enclosed.

Dated: 1-11-06

Respectfully submitted,

David J. Powsner

Registration No.: 31,868

NUTTER MCCLENNEN & FISH LLP

World Trade Center West 155 Seaport Boulevard

Boston, Massachusetts 02210-2604

(617) 439-2717

(617) 310-9717 (Fax)

Attorney for Applicant

1490245.1

JAN 1 7 2006

JAN 1 7 2006

Under the Paper ork Reduction Act of 1998 A

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to persons are required to respond to a collection of information unless it contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known			
Application Number	10/099,918-Conf. #3586		
Filing Date	March 14, 2002		
First Named Inventor	John H. Oates		
Art Unit	2634		
Examiner Name	S. Chin		
Attorney Docket Number	102323-0103		

U.S. PATENT DOCUMENTS					
Examiner Cite Document Number Publication Date Name of Patentee or Pages, Columns, Lin					
Initials*		Number-Kind Code <sup>2</sup> ( if known)		Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	AA*	US-6,570,864	05-27-2003	Kim et al.	
	AB*	US-6,011,812	01-04-2000	Laakso et al.	
	AC*	US-6,154,443	11-28-2000	Huang et al.	
	AD*	US-6,754,805	06-22-2004	Juan	
	AE*	US-6,782,036	08-24-2004	Dowling et al.	
	AF*	US-6,127,973	10-03-2000	Choi et al.	
	AG*	US-2002/0118728A1	09-29-2002	Mohseni, Mohammad J.	
	AH*	US-2003/0206577A1	11-06-2003	Liberti, Joseph Charles Jr. et al.	
	Al*	US-2003/0002569	01-02-2003	Oates	
	AJ*	US-2003/0099225	05-29-2003	Oates	
	AK*	US-2003/0091106	05-15-2003	Oates	
	AL*	US-2003/0091102	05-15-2003	Oates	
	AM*	US-2003/0198197	10-23-2003	Oates	
	AN*	US-2003/0091058	05-15-2003	Oates	
	AO*	US-2003/0231702	12-18-2003	Oates	
	AP*	US-2003/0191887	10-09-2003	Oates	
	AQ*	US-2003/0202559	10-30-2003	Oates	
	AR*	US-2003/0202566	10-30-2003	Oates	
	AS*	US-2003/0076875	04-23-2003	Oates	
	AT*	US-2003/0099224	05-29-2003	Oates	
	AU*	US-2003/0103558	06-05-2003	Oates	
	AV*	US-2002/0122392	09-05-2002	Elezabi, Ayman	
	AW*	US-2003/0058929A1	03-27-2003	Cox, Earl C. et al.	
	AX*	US-2004/0213329A1	10-28-2004	Takashi et al.	
	AY*	US-5,757,791	05-26-1998	Kanterakis et al.	
	AZ*	US-6,647,059	11-11-2003	Faruque	
	AA1*	US-6,600,729	07-29-2003	Suzuki	
	AB1*	US-6,842,480	01-11-2005	Yang et al.	
	AC1*	US-6,801,565	10-05-2004	Bottomley et al.	
		US-6,370,130	04-09-2002		
		US-6,067,292		Huang et al.	
_		US-5,644,592	07-01-1997	Divsalar et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	BA	DE-198 41 578 A1	03-16-2000			
	BB	EP-0 982875 A2	01-03-2000			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner	 Date	
Signature	Considered	